

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: svein@eci1.ucsb.edu (Svein Vetti)  
Subject: [4805] 150 Mhz osc. problems, parasitics  
Message-ID: <9602272002.AA04967@petunia.ucsb.edu>

Hi, I am currently building (at least trying) a VHF receiver (1 ch,batt) based on Motorola's MC 13135 chip. In theory this should be simple, because everything is taken care off after the first oscillator so I only need to design a xtal oscillator, a LNA and a preselector. After 4 weeks I am still stuck with the 150 Mhz Xtal oscillator. I have tried 3 different circuits 2 Butler (one highly inspired from the ARRL handbook) and one from Motorolas Application notes (this one is sort of working. I am trying to select the 3 rd overtone from a 50 Mhz xtal. Both the Butler ones oscillates at around 600-650 Mhz which I assume is parasitic oscillations, because the frequency did not change much when I tried a 10.24 Mhz xtal instead of the 50 Mhz one. I have also tried farrite beads, but even the high frequency ones seem to attenuate more at 150 Mhz than 650 Mhz.

Does anyone have have suggestions to what I can do to get rid of this parasitics ?

What about thinner traces on the PCB ? (I am currently using traces as wide as the 1205 chip caps and resistors (about 1 mm), a large ground plane and a high quality BJT, MRF 901).

Can the low voltage (Vcc - 4.5v) be a problem wrt parasitics?

-Svein, UCSB CA

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: windish@ix.netcom.com (Walter G. Windish )  
Subject: [4774] 49er board rec'd/ St. Louis Tuner #  
Message-ID: <199602271407.GAA07060@ix2.ix.netcom.com>

Just received my 49er boards from Jim (yesterday). Now all I have to do is get some parts!

I also received confirm #243 on the St. Louis Tuner. I guess there's a few left.

72, Walt KB2JE

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: bhopkins@polarnet.com (Bruce Hopkins)  
Subject: [4795] 49er Parts Sources...  
Message-ID: <v01530500ad58f12016be@[204.119.24.121]>

Hi Gang,

As most have probably seen by now, the majority of the parts for the 49er are available from Mouser Electronics and they have no minimum order... Mouser Electronics can be reached at 1-800-346-6873... The three difficult to find parts: LM380N-8, NE602AN, and the 2N5484, are available from Debco Electronics... Debco Electronics has no minimum order and can be reached at 1-800-423-4499. I just bought the last 3 LM380N-8's from Debco but they say they will be restocked on thursday (2/29)...

If you have not yet started your 49er board and parts hunt, the simplest and least expensive approach would be to acquire the whole shabang from NorCal... I have included their entire post from a few days ago so as not to muddle up the details...

-----NorCal Post-----

Ok, Ok, Ok, guys you have asked for it and we will do it for you. NorCal is going to offer a kit version of the 49er. It will have a Board, Crystal, and all board mounted parts for \$25, postage paid in the US. If you are DX, please add \$5 for shipping. I ordered the new boards today from FAR Circuits, and they will be ready in about 2 weeks. Kits will ship as soon as the boards come in.

How about the guys who ordered boards? If you want a kit of parts, we will sell you one for \$20, including crystal. But, please specify on your order that you have the board and just want the parts kit.

Send your orders to:

Jim Cates, WA6GER  
3241 Eastwood Rd.  
Sacramento, CA 95821

As always, make checks and money orders to Jim Cates, NOT NORCAL. Please put a note in that you are ordering the Kit and Board for \$25 or the Parts Kit only for \$20. Jim and I have received many phone calls complaining about the unavailable parts????? (Well, guys don't want to pay the minimum charge) 72, Doug KI6DS

-----End-----

I hope this is of some help to those of you like me that do not live

near parts stores and started your quest before the NorCal offer... Thanks go to Wayne, Doug, & Jim for another fun QRPp fox hunt...

72/73/oo's - Bruce \* KL7JAF

QRP-L #380 QRP-ARCI #9061

Norcal #???? ISSB #14548

McPig #003 TFO - 359

E-Mail: bhopkins@polarnet.com

BBS: KL7JAF@KL7GNG.#NAK.AK.USA.NOAM

Snail Mail: B. Hopkins / P.O. Box 10079 / Fairbanks, AK. / 99710

From qrp-l@Lehigh.EDU Tue Feb 27 22:57:04 1996

From: "Arjen Raateland, SYKE/YV, puh. 90-4030 0457" <Arjen.Raateland@vyh.fi>

Subject: [4789] accidental change of TX frequency

Message-ID: <01I1PTK96HXU8Y4YBN@vyh21.vyh.fi>

To the OM that noticed sudden drift in his QRP transceiver.

Could it perhaps be that you touched the tuning knob just a bit?  
Tuning to the nearest 100 Hz is quite sensitive on a rig covering 100 kHz and having a 8:1 gear ratio. You can look at the tuning knob, but if you accidentally touch it, you may be off frequency without noticing what made it happen.

73, Arjen OH2ZAZ

Arjen Raateland

Suomen Ymp ristö keskus / YV

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Finnish Environment Agency, Helsinki, Finland

SAS Support

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tel. +358 0 4030 0457  
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-.-. -.-

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Rich Mulvey <mulveyr@vivanet.com>  
Subject: [4777] Another KC-1 lives!  
Message-ID: <9602270916.aa22003@vivanet.vivanet.com>

Did you ever get the feeling that there were just \*too many\* neat toys to buy, and not nearly enough time to play with them? :-)

I received my KC-1 Keyer/Counter in the mail yesterday. This, of course, immediately caused me to forget all about my wife, dinner, and other assorted domestic duties, as I ran down into the basement to warm up the soldering iron.

The kit went together in about 30 minutes - very easy to build. The hard part, of course, was that I spent the next 30 minutes actually hooking it up to my original Sierra. :-) ( It used to look so \*pristine\* inside. I guess I'm going to have to rip apart one of the old PC's around here and scavenge some ribbon cable... ) I chose to skip the mute circuit ( Actually, I didn't have any JFET's around... ) but, as it turns out, I don't really appear to need it anyway.

The KC-1 started up without a problem - I configured it with the 40M band module in place. When I compare it side-by-side with the IC-735 I'm borrowing, the frequency measurements agreed from the bottom to the top of the tuning range. Neat! The lack of the muting circuit means that you hear some microprocessor hash while in Frequency Search mode, etc., but personally, it doesn't bother me. Of course, there is no noise when in normal "receiving" mode anyhow.

This evening will be the moment of truth... I start drilling out the front panel for the swith and pot openings. If any of you hear some loud screams and curses from the Upstate NY area, you'll know who it is.... ;-)

- Rich

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996

From: George Dobbs <g3rjv@gqrp.demon.co.uk>  
Subject: [4771] ATTENTION G QRP CLUB MEMBERS  
Message-ID: <ktQ8vCAgbwMxEw6T@gqrp.demon.co.uk>

Once again the G QRP Club will be at the DAYTON HAMVENTION and taking part in the Four Days in May Event.

This year we are limited in our number of helpers on the G QRP Club booth.

ARE THERE ANY G QRP CLUB MEMBERS ATTENDING DAYTON  
WHO MAY WISH TO GIVE A LITTLE TIME TO THE G QRP CLUB BOOTH ?

If so - Please contact G3RJV at the email address below.

George Dobbs G3RJV	"It is vain to do with more
The G QRP Club	what can be done with less"
g3rjv@gqrp.demon.co.uk	William of Occum (1290-1350

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: DCrespy@aol.com  
Subject: [4827] Audio add-on box  
Message-ID: <960227201313\_335052352@emout08.mail.aol.com>

Bill,

I have tried a similar setup. I built the N4UAW digital filter from QST 10/92 and later added the AGC audio preamp from QST 2/95.....

The set up goes from the rigs (NN1G MK II and SWL-40/NE40-40) to a Radio Shack "mini-amplifier speaker", a small preamp and an LM-386 to a small ( 2" ?) speaker.

I don't even know if they still make these.

Biggest complaint, and why I normally don't use the the filter/AGC part of the set-up, is the amount of noise introduced by the filter. (The Radio Shack amp is very quiet..must be a "hiss-free" design. The filter was noisy before I added the AGC unit.) On my big rig (a TS 850) the filter noise is not so noticable, I think because, as good as that receiver is, there is still some synthesizer noise from the rig. But with these little rigs the LC oscillators are really quiet!!!

By the way, you might check..the OHR filter might be the same as the N4UAU one from QST that I used. FAR has the board and the DSP chip for \$13.50.

The only trick building it was finding the precision resistors.

In your post, you said that FAR has the "corrected circuit board" . The "corrected" concerns me, since I bought my board within a month or so of the article appearing. And since I have never been really happy with the AGC action, I thought maybe there was something that I could improve. Any idea what "corrected" means in terms of changes?

Have Fun ! 72/73

Harry KG5LO

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: frank@net.com (Frank Gurnee)  
Subject: [4793] Cascade on 40 crystals  
Message-ID: <9602271716.AA25150@trappist.net.com>

I have sets of matched 12.288 Mhz crystals for the 40m/17m conversion of the Cascade. Let me know if you are interested.

Also, if there was enough interest, I could put together complete sets of parts for the conversion kit.

Regards,  
Frank  
K06MM

frank@net.com

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: AlK0FRP@aol.com  
Subject: [4826] Co QRP contest  
Message-ID: <960227192529\_155036258@mail06.mail.aol.com>

Just couldn't wait to see if 26 names were possible

Using QRZ callsign database on internet

Xavier 6 calls general and above \*\* Quincey 2 calls general class and above\*\*  
Zeke 4 calls gen and above\*\* Utaro One\*\* Union 7 calls\*\*  
100 or more Ivans Irvins, Oscars, Vince and Van

Yes all 26 letters are possible ??????

It is nice to have Yardley W0JF in our club

73

Al K0FRP

DIT DIT

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Marshall Emm <75230.1405@compuserve.com>  
Subject: [4792] CQ CQC TEST  
Message-ID: <960227163647\_75230.1405\_HHB33-1@CompuServe.COM>

Hi, Gang--

Sorry I'm a bit late with this but I did want to thank all of you who took the time to get into the contest and hand out a few points. It was the best CQ test yet and, I suspect, an indication of things to come. Lots of fun, good spirits, a variety of sending styles and a real opportunity to hear some of the calls I see so often on the List.

I hope you'll all spare a thought for Jim, KG0PP, who now has the fun of sorting out the logs [g]. As our Contest Manager it is in many respects Jim's contest, and he puts in an awful lot of effort. But I'm sure he'd want me to urge you all to send in your logs, even if you only made a few contacts, because the information is useful for future planning. And you'll get your name in Low Down, too.

I got off to a slowish start-- three of my first four QSO's were QRO stations, so changed the call from CQ CQC to CQ QRP, which more or less did the trick. Highlights were working AA1PB (Mill) towards the end, and finally concluding an exchange with Steve, AB7HI. That one is kind of amusing and I've told it a couple times already....

I had real solid copy on Steve, but as soon as he started to send his info some lid started sending junk (as if he was just playing with his keyer) on EXACTLY the same frequency. He stopped about two seconds before Steve did, and was silent while I asked Steve for a repeat. Steve starts and then the LID starts again. And again he stopped at about the same time as Steve. We may have tried it one more time with the same result, and then I got mad, suspecting from the timing that it might be deliberate interference. So I hit the crank and threw 200W at the guy, sending QRL QRL QRL PSE QSY QSY after which silence. Total. I tried calling Steve and concluded he'd given up.

Twenty minutes later Steve called me again-- wanting to know why I'd told him to QSY [g]. I know, I should have tacked a request for a repeat onto the QSY. Anyhow, thanks for coming back, Steve!

I chickened out and stayed on 40 in the single band class, because I don't have much in the way of antennas. Dipoles for 30 and 40 are my big weapons, and I'm violating the covenants as it is. And I knew I wasn't going to beat neighbor A1 (K0FRP) who has a 300' tower and 15 element beams on every band. Well, it seems that way. He's also one of the most skilled ops around, and sometimes life just isn't fair. Sure, the name multipliers add an element of randomness to the contest, but not quite enough [g]. Hence the only-partly-tongue-in-cheek suggestion that he consider running the club station next time. But seriously, we do want to activate KB0UCQ (got the call too late for the magazine notices) and ideally it should be a station that most people can work easily.

Managed 58 QSO's, 26 SPC's, 17 names, 16 CQC members. And A1 creamed me, of course [g]. But still-- more than half of WAS 2xQRP in an afternoon and evening....

Not a single QSO in the novice band or SSB.... Have to admit I was wondering why we follow the traditional QRP pattern and give bonus points for CW. In QRP circles, SSB is a lot tougher and probably oughta be worth a bonus [g].

Anyhow, all of us in CQC were gratified by the level of participation, and we'll see what we can do to make it even more better next time.

73/72  
Marshall  
AA0XI/VK5FN

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: n2mnn@openix.com (STEVEN PITUCH)  
Subject: [4825] CO QRP CONTEST  
Message-ID: <199602280034.TAA13526@pantera.openix.com>

The contest was a good one for me here in Northern NJ. 20 meters was weak here at the start of the contest, and the the QRN was strong, but I managed to get 3 good Western contacts. CA was a new milliWatt state for me. There were a few other weaker stations on 20 meters, but my .95 Watt was not good enough to snare more contacts. Switching to 40 meters I managed 6 more contacts. Total time on the air before the high static levels got to me was 3 hours. I tried 80 meters for a while. I heard several weaker QRP stations under the QRO S9+40 guys, but felt that it was time to call it a night. I couldn't have done it without the Sierra ABX with the new mod, (sometimes set to 100% minimum width). It puts my Yacomwood's narrow filtering to shame.

20 M 22:12 K0FRP CO A1



20 M	22:20	AA7QU	OR	Russ
20 M	22:38	W6ZH	CA	Pete
40 M	23:24	WA8LCZ	MI	Myron
40 M	23:39	AA0XZ	MO	Greg
40 M	00:01	KN4QV	GA	Jim
40 M	00:17	K0FRP	CO	Al
40 M	00:21	W0XC	CO	Cap
40 M	01:13	KG0TW	MO	Doug

Wilderness Sierra/KC-1, at .95 Watts, 40 M vertical loop. QTH: Livingston, NJ

72,

Steve, N2MNN  
N2MNN@OPENIX.COM

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)  
Subject: [4812] CODE CHEATERS  
Message-ID: <9601278254.AA825464531@smtpgw.ccgate.dl.nec.com>

Folks:

Was wondering if anyone ever has used one of those little gizzmos that read and display code.

I know MFJ makes one and I think a company called Code Star? I also know there's a share ware program (FFT) that works with a PC and Sound Blaster board.

Anyway, for those who wonder what I mean, these are little units which sample the audio from a rig and decode the morse code and display the characters as text. I jokingly call them "cheaters".

Was wondering if anybody likes them and which ones work well. I'm skeptical as to how accurate they can be when QRM, QRN, QSB are all bad. Also, with all this talk of sloppy fists, I don't know if they compensate for rough spacing, etc.

I guess the bottom line is that the best decoder is still the one between your ears! Even so, I'd be curious to see who has used these devices. They sure seem nifty!!

72, Dave KK5HA

From qrp-l@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Paul Harden <pharden@aoc.nrao.edu>  
Subject: [4794] CQC Contest comments  
Message-ID: <199602271724.KAA07935@zia.aoc.nrao.edu>

The Colorado QRP Winter QSO Party was indeed fun and it was good to hear so much QRP activity from CQC members and non-members alike. I only worked 8 stations on 20M, but 27 on 40M. There were times on 40M when a good 20 KHz around 7040 was occupied with CQ QRP TEST. QRPers definitely owned a good chunk of 40M sunday nite!

For the 3 hours or so I participated, I ended up with 34 QSO's, in which 7 were CQC members and 27 were non-members. Multipliers were 19 states and 17 names. (48,450 pts).

QRP-L members I recognized: W6ZH, AA0XZ, AA7QU, WA9PWP. Two of these asked if the contact also counted as a FOX contact -hi.

I don't have a QRP rig for 20M, so borrowed an MFJ 9420 (travel radio) and a QRP+. First time I've used either. The MFJ 9020 is a nice radio, but the travel radio flavor with CW board I found useless. No earphone jack (speaker only), no RIT, filtering was wide, but it also seemed the xmit offset was about zero, meaning you had to almost zero-beat a station to work him. (Of course a little tweaking can fix that). Copying CW at 10Hz is tough! Made 1 contact on that rig.

Also first time I've ever used a QRP+. I kinda liked it, but will never get one now. It's so close to being a really good radio, good filtering and sensitivity, but the keying sucks pond water. The internal keyer is soft, mushy with a noticeable time delay above 20 wpm, making sending a real chore. An external keyer was even worse. Above 25wpm, you get garbage out. I suspect software delay in the microprocessor. Gads, put in a reed relay or something and key it with some real hardware! But that SCAF filtering is sure nice. Used it on 20M only.

Used my "FOX station" setup for 40M: modified 9040, inv. vee up 37 feet.

72, Paul NA5N  
CQC# 133, QRP-L# 038

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: CQC@aol.com  
Subject: [4833] CQC Winter QSO Party  
Message-ID: <960227223002\_335216082@emout04.mail.aol.com>

I had to work a trade show, so only had 2 hours available. When I turned the rig on 40m I sure was surprised at the amount of QRP activity. Lots of non-member activity, too.

I ended up with 14 QSOs in 9 SPCs and 9 Alpha letters (names) totalling 6,184 points. Not much, but I had a good time.

I checked the Novice band and SSB several times, but no luck until 0358. I called "CQ QRP Contest" and was answered by NL70W in Alaska! We both gave 53 reports. He copied me solid so we held a QSO for 12 minutes. A great last contact especially resulting from my 5 watt QRP CQ on a frequency with no activity.

I was glad to work one of our newest members, AA7QU, #242.

Tnx to all who participated and we hope to hear you on again in the next contest. I will be working a trade show that day, too, so I won't be there.  
Darn!

72,  
Rich W0HEP  
Pres., CQC  
CQC #1

P.S. Be sure to send your logs regardless of number of contacts to Jim Pope KG0PP at Box 31575, Aurora, CO 80041-0575 or via E-mail at EJim@aol.com .  
Remember only one name per letter of the alphabet.

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: bfollett@ditell.com  
Subject: [4824] CW decoders  
Message-ID: <199602280019.RAA24800@orion.ditell.com>

Dave wrote:

<<I also know there's a shareware program (FFT) that works with a PC and Sound Blaster board.>>

I tried it, and found that the Windows software was very impressive, and it even did an autodetect to determine which soundcard was installed. Multi-windows, nice graphics, and mouse click on the signal you want on the spectrum display.

But guess what? The decode algorithm is one of the worst I have seen! It couldn't even decode W1AW transmissions that well. Too bad, as the author really could program Windows...

73, Bob

-----  
Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10  
2861 Estates Dr. VOICE: 801.649.6457  
Park City, UT 84060 Home Office E-mail: bfollett.ditell.com

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Rich\_Stern\_at\_WFF-E105@ccmail.gsfc.nasa.gov  
Subject: [4799] Education the real 'straight key'  
Message-ID: <9601278254.AA825458088@ccmail.gsfc.nasa.gov>

Noticed alot of comments about sloppy keying. I have at one time or another sent afew sloppy QSO's. However, these where not done intensionally. I suffer from MS.

At times, this little handicap creeps up during a QSO. This has me looking at keyboard generated CW. I do like to QSO with a straight key. When my fist is right-on, it's almost like playing a musical instrument.

I would hate to think that we hams are turning of other hams (new and old) just because of some poorly formed letters. If this is the case then, maybe informing or trying to educate the sender about improved methods would be helpful.

Building a little tolerance into the receiver's filters located between our ears might improve communications for all of us.

In my opinion ( I know....everyone has ONE!), our hobby is communicate and educate and not to turn each other off.....

73 de Rich

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: "Mitch, WA4OSR" <fmitch@maf.mobile.al.us>  
Subject: [4828] eico 718 fer sale...  
Message-ID: <Pine.SOL.3.91.960227194135.9694B-100000@ns1>

a friend of mine, wayne, wb4juj, is going through, shall we say, "domestic turmoil"... he has an eico dx-718 in very good condx that he wants to sell... it is solid state!!! he doesn't have a manual...

if u r interested, give him a call at 334-478-4600 real quick...

(i didn't know that eico was around into the solid state era)...

mitch  
wa4osr

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: rhaslach@kevrlic.com (Robert D. Haslach)  
Subject: [4772] epiphyte-2: HELP  
Message-ID: <199602271408.JAA27325@tkn.kevrlic.mo.md.us>

This is a general call for help:

I received the board for the Epiphyte 2 from FAR yesterday and realized that I don't have any text or parts list. I see from Doug's posting 2/8/96 that the March QRPP will have an improved version of the Sprat article.

1. Is the March 1996 QRPP issue on the streets?
2. Where/from whom could I get one
3. If this is Tuesday, is this today?

Regards  
Bob N3FRT

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Bill Acito 27-Feb-1996 0037 <acito@asdg.ENET.dec.com>  
Subject: [4765] Fox Report  
Message-ID: <9602270537.AA15589@us1rmc.bb.dec.com>

Heard but not worked. Nice signals from W5SNS, AA0RH, and WA9PWP heard calling him. Between my 80m beacon report, and tonight, it's obvious my vertical has very long ears, over and above most of you. I need to get something horizontal.

b

. . . . . - I own my own words - . . . . .  
Bill Acito  
acito@asdg.enet.dec.com  
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS ... qrp-ne ... qrp-l ... qrp-arci ... norcal ... arrl life ...

From qrp-l@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Aa4xx <aa4xx@nando.net>  
Subject: [4766] Foxhunt Summary  
Message-ID: <Pine.SUN.3.91.960227003143.7957G-1000000@bessel.nando.net>

Gang,

Below is the Foxhunt summary for Monday, Feb 26th. It was an interesting session even if there was a black hole over most of the eastern part of the country. Thanks to everyone who gave me a call. I was running 5 watts into a 2 element inverted vee array for most of the Foxhunt. I also used a separate inverted vee during part of the session. The band was pretty long during the session, with not a peep out of 2, 3, or 8 land.

Call	RST		QTH
	TX	RX	
AD4ZE	339	229	NC
AB5UA	339	559	OK
N6ULU	579	559	CA
AB0AE	569	559	KS
N4EKP	349	339	NC
W5HNS	579	449	TX
KK5RO	339	449	OK
KK6MC	329	229	CA
WA7FCU	229	229	UT
K5UP	569	569	OK
NQ7X	559	559	AZ
KK5HA	449	449	TX
AB6DG	229	229	CA
W6ZH	449	549	CA
AA10C	229	229	NH
W1HUE	229	229	ID
WA9PWP	339	339	WI
N6MM	339	359	CA
KC5EQC	349	229	OK

AB50U 339 559 NM  
AA7TQ 569 559 AZ

72 to all. Thanks for the fun,

Paul AA4XX Raleigh, NC

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: ae4ic@nr.infi.net (BOB KELLOGG)  
Subject: [4776] Foxus Carolinus  
Message-ID: <199602271424.JAA24527@mh004.infi.net>

Gang,

Here I sat, not more than 80 miles from the foxes lair. The same Fox that I meet almost every Sunday night on the Knightlites Net.

"Could I hear him", you ask, breathless with anticipation.

I could hear the 5-land boys working him through the Texas Pipeline.  
I could hear the 0-land boys working him with ease, as if they could any time.  
I could hear the 6-land boys working him through a pile up.

Once, I carelessly hit a couple of dits (really, just one or two) to check my tuning without switching to dummy load, and a Texas station told me to QSY, so I was probably right on top of him.

Oh, well, if it was easy it wouldn't be fun.

Bob Kellogg, AE4IC  
Probably, but not nececelery. - Benny Hill

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Krelic@gnn.com (Curt Krelic)  
Subject: [4834] FS: TenTec Century/22  
Message-ID: <199602280351.WAA23976@mail-e2a-service.gnn.com>

Hello All,

I have what I consider to be a Mint, TenTec Century/22 for sale.  
It comes with the matching power supply, built in keyer and calibrator,  
it recently came back from TenTec for go over. Runs o to 20 watts output,  
6-bands including 30Mtrs. Price Shipped lower 48 \$300

If interested call 412-693-9890 OR EMAIL.

Thanks, Curt KA3IVB

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: jsbraun@vivanet.com  
Subject: [4769] FS: Yaesu FT-7 HF Mobile  
Message-ID: <9602270749.aa13528@vivanet.vivanet.com>

<---- Begin Forwarded Message ---->  
Reply-To: jsbraun@vivanet.com  
From: jsbraun@vivanet.com  
Subject: FS: Yaesu FT-7 HF Mobile  
From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: pelt@vt.edu (Randy Pelt)  
Subject: [4813] German Translation  
Message-ID: <199602272157.QAA22678@sable.cc.vt.edu>

I have what I believe to be a German ohm meter from WWII. The name on the meter is Rohrenstrommessung. Can anybody translate this for me??

Many Tnx...72/3

```
*****
*Ranson J. Pelt                                     *
*Internal Audit Manager                             *
*Virginia Tech 0328                                *
*Blacksburg, VA 24061                             *
*(540) 231-9475 FAX (540) 231-4681                 *
*                                                    *
*QST de nz4i      Semper Fi                         *
*****
```

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Mel Evans <101366.3072@compuserve.com>  
Subject: [4821] Heath demise



Message-ID: <960227232841\_101366.3072\_JHP33-1@CompuServe.COM>

Hi all,

Well, that sure started something on the list!

I've had lots of mail, currently running at 19 to 1 in favour of better manuals/documentation with current kits. The one against favoured a cheaper kit with minimum documentation.

I know that many of to-day's kit suppliers are clubs or one-man bands who have a fulltime job to hold down as well, but my comment seems to have struck a chord with a lot of list members out there, and considering the nature of QRP, most list subscribers are likely to be fairly experienced constructors. They are still saying the manuals should be better!

Given this, perhaps the demise of Heathkit was bad for homebrew, never mind QRP.

If you're a kit supplier and you're reading this, there's a moral here somewhere.....!!!

72 and 73 de mel  
GM6JAG  
Edinburgh, Scotland

"When all else fails, READ THE INSTRUCTIONS"

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: ae4ic@nr.infi.net (BOB KELLOGG)  
Subject: [4835] Heath demise  
Message-ID: <199602280357.WAA03713@mh004.infi.net>

Gang,

I agree with Doug Hendricks. No question that Heath did a good service to hams and put together a quality kit.

But, I built Heathkits because I could get an excellent quality piece of equipment for a good price.

I always hated building the darn things. I was insulted. The instructions were in such detail that it bored me, yet I had to follow them for fear of missing some minor twist to the circuit or wiring.

Today's kits are pretty much fool proof. Recently I built an OHR wattmeter.

The instructions were not like Heaths, but they were very clear and easy to follow.

Even the NW8020 which I had trouble with has been built successfully by some beginners.

Also, today's designers are available by phone and email, so help is available if there is a problem. This makes today's kit a much more valuable learning experience than the Heathkit.

CUL,

Bob Kellogg, AE4IC

Probably, but not necessarily. - Benny Hill

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996

From: kreinbd@ccgate.dl.nec.com (David Kreinberg)

Subject: [4785] HEATH STUFF & FOX

Message-ID: <9601278254.AA825441785@smtpgw.ccgate.dl.nec.com>

Gang:

On the Heathkit thread:

As an engineer, I know the thing that ALWAYS gets the short end is a product's documentation (well, almost all cases with few exceptions). By the time a product is designed, debugged, marketed, etc., usually the least effort (and money) is put into the manual. Also, very few engineers LIKE to write and document (again, some are good at it and like doing the writing, but most really hate to do the documentation and wait until the last minute).

The first thing I do when I look at a product is examine the manual/documentation. I appreciate the effort and time that goes into this chore. One of the main reasons I always looked forward to building a Heathkit product (and I've built many) was to admire the very fine manuals they came with. IMHO these manuals were the very best I've run across. They covered every detail you'd ever need for the product.

I realize they probably had an entire staff of writers to tackle this job. The current pack of fine kit companies

(Wilderness, OHR, SWL, Emtech, etc) could not possibly do what Heath did - not because they don't want to, but because it is incredibly expensive and time consuming. I miss the Heath manuals, but I understand why they can't be done without larger resources.

As to the Fox hunt last night: Many thanks to Paul AA4XX. He was my 2nd fox this season. He was in and out here in Dallas, but came up for a while between 0345-0400z. Thanks agn, Paul. It was fun. Rig was OHR Exp II @ 2w into an inverted vee up abt 35 ft.

72/73, Dave KK5HA

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: RobCap@aol.com  
Subject: [4779] HW-9: 581 parts  
Message-ID: <960227092844\_334440634@mail06.mail.aol.com>

Hi folks-

Day three of building, and I have finished the first of two boards (the oscillator board, which is the easier of the two.)

It has really seemed to me that the HW-9 is more complex than the OHR-400 (which had been the most complex rig I had ever assembled). So I tallied up the parts count from the parts list. The result: the OHR has 421 parts, while the HW-9 has 581! This is an apples-to-apples comparison of electronic PCB parts only. It does not include chassis parts, screws, connectors, heat-sinks, terminals, lugs, wires, etc.

It is also my perception that the HW-9 has \*significantly\* more components in the chassis as well. For instance, the OHR has a single band switch. The HW-9 has a four-gang switch, with each section soldered to the board, and an eight-inch nylon shaft that is assembled through the four sections. The HW-9 also has three sections that have solder-in shielding, a meter, and a rather complicated reduction gear driven tuning system. Whew!

This comparison, by the way, is not an operational comparison of the OHR-400 and the HW-9. Having used both rigs, I can say that the OHR has a substantially more sensitive receiver with more robust audio.

Please send replies/comments directly to: Robcap@AOL.com

73,

Rob

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: af852@rgfn.epcc.Edu (William R Colbert)  
Subject: [4803] keying  
Message-ID: <9602271932.AA28698@rgfn.epcc.Edu>

I too have heard the keying in question. Someone asked if it might be a person with little experience - possible altho the one I heard had an AA0 call and was sending (?) along about 15-20 wpm. Other letters seemed to be ok. don't suppose one will know why until a qso is had with the station in question. 72/73

--

Ray Colbert, W5XE/V31XE, El Paso, Tx

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: rhchan <ruess132@widomaker.com>  
Subject: [4820] Kit Suggestions?  
Message-ID: <Pine.SV4.3.90.960227181528.17075A-1000000@wilma>

Any thoughts (or Suggestions) for constructing Ramsey Kits for use on the Novice HF band?. Your thoughts on this would be very much appreciated. I'm new to all of this...

Russell

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: bfollett@ditell.com  
Subject: [4800] Litz Wire  
Message-ID: <199602271854.LAA16611@orion.ditell.com>

Gang: Walt wrote:

<<My question: Ken mentioned that the Litz wire was essential to the wide tuning range. How does Litz wire differ from enameled wire. The article seemed to imply it was

stranded. Is this correct? Is it copper? >>

Litz wire often enameled wire, sometimes coated with plastic, which is easier to remove. It is made up of anywhere from 30+ to 144+ strands of very fine wire, encased in a spiral wound cotton/nylon outer layer. As example, a 60/40 Litz wire contains 60 strands of #40 AWG enameled wire. It is normally used to maximize Inductor Q in tuned circuits. How? since RF current flows on the outside surface of the wire, the more surface area, the lower resistance there is to the RF current flow. In the consumer world, you most often see it on AM ferrite rod antennas, held in place with some ugly-to-remove wax.

I have used it for my VLF receiving ferrite rod antenna, 19 rods, four feet long. It wraps easily, but making a good solder connection is a little tough, in that each strand is enameled and, therefore, hard to get down to bare metal. (Any readers with a handy hint on this? -- yeh, I know, use the plastic coated stuff)

We don't see much use of this stuff anymore, thanks to Toroids. Since they greatly reduce the number of wire turns for any given inductance, there is much less RF resistance, improving the Q with ordinary enameled wire.

The biggest problem with this Litz stuff, especially the kind with a large number of strands, is it is hard to find! A few sources will sell big spools of it for over \$100!! So, does anyone know of a source for smaller quantities?

73, Bob

-----  
Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10  
2861 Estates Dr. VOICE: 801.649.6457  
Park City, UT 84060 Home Office E-mail: bfollett.ditell.com

From qrp-l@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: WILLIAM STUDLEY <AA10C@gnn.com>  
Subject: [4815] Litz wire sources  
Message-ID: <199602272205.RAA29302@mail-e2a-service.gnn.com>

If you want to experiment with some Litz wire, a nice source is the rod antennas that come in the inexpensive AM radios. Also, The antennas that the old 5 tube AM superhets used was also a larger size.( 22awg?) That stuff would be nice to wrap some cores with!  
72 & 73's,  
Bill

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: windish@ix.netcom.com (Walter G. Windish )  
Subject: [4773] March '95 73 Magazine  
Message-ID: <199602271345.FAA12976@ix8.ix.netcom.com>

It looks like the latest issue of 73 holds some interest for QRPers:  
There's a nice little roundup of QRP kits, a KC1 review by AC4HF, A  
review of the new QRP+ by none other than WA3ULH, plus more. A pretty  
good issue.

One item that caught my attention was "A new look at the VX0" by Ken,  
W2IMB. While not claiming rock solid stability, Ken got a 3.57945  
color burst xtal to tune continuously down to 3.489. He used a Pierce  
oscillator with a coil of 60 turns of 14/44 Litz wire. While I'm only  
a lowly kitbuilder, and not a true "wirehead", this article seemed to  
be a fun area to play around in. My question: Ken mentioned that the  
Litz wire was essential to the wide tuning range. How does Litz wire  
differ from enameled wire. The article seemed to imply it was  
stranded. Is this correct? Is it copper? Any enlightenment will be  
appreciated.

.Oh yeah, I gotta mention one other thing about the issue - the QSL  
of yours truly graces the front cover. (I know-how immodest, but it  
cost me a fortune!)

72, de Walt KB2JE

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Bob Hightower <ki7mn@MycroNet.com>  
Subject: [4788] Mon Nite FOX  
Message-ID: <199602271603.JAA25793@mycro1.mycronet.com>

Hear the FOX, over and over, on 7040, but couldn't get back to him..too many  
others using the freq for QSO's and such. The digital folks weren't that much of  
a problem, as they were on and off with good intervals between the 'on' times.

Paul, you were abt 449 here East of Phoenix, but covered up most of the time  
by other users.

The question again is why we do the fox on the calling frequency? I remember a  
discussion in which several members blasted the digital folks for using the  
'calling frequency', and here we are, doing the same thing. Why not move the  
FOX freq up or down abt 3Khz to avoid some of the traffic?

73, Bob KI7MN  
QRP-L 271, ARCI 8918, NorCal 1228

From qrp-l@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Todd Nichols <nichols@rtp.ericsson.se>  
Subject: [4811] More thoughts on SMT components  
Message-ID: <199602272147.QAA19695@sunmgc2.rtp.ericsson.se>

I just wanted to echo the post by Laura VE7LDH regarding SMT components. I love 'em, and prefer 'em. In my professional life (I'm an electrical engineer and I design high-speed electronics), SMT's are the preferred (sometimes the \*required\*) components. Grab a few parts (see below, e.g. Electronic GoldMine), fry 'em to learn, and that's that!

The following, in no particular order, are my favorite sources of SMT parts:

Jameco Electronics  
IC's, transistors, a few diodes, trim caps, chip caps, tantalum caps, chip resistors

Mouser Electronics  
pretty much everything

Digi-Key Corporation  
pretty much everything

DC Electronics  
a few IC's, RF IC's, LED's trim pots, a few chip/tantalum/aluminum caps, paste/flux/tool kit

Electronic GoldMine  
pretty much everything, nonfunctional kits (for practice), \$5 dual LED flasher kit (2-transistor astable multivibrator)

Mini-Circuits  
RF components - mixers, filters, amplifiers, RF transformers, etc.  
-----

You probably have the best chance of finding most of what you want at one of (Jameco, Mouser, or Digi-Key). Note that not everyone has all of the same parts. In fact, buying parts for an SMT project is a lot like buying parts for a regular old through-hole project! One can seldom get everything with "one-stop shopping". Only thing is, the price hit that results is even more acute with SMT because the parts in low quantities are generally more expensive than their through-hole counterparts. And they are not always available in onesies, either; sometimes a vendor

will only sell 10 or 100 of a component. Now their 10 or 100 per-piece price might be great, but if you are building something that has little duplication of parts and has a great deal of parts, the component cost can mount rapidly. If you are contemplating a serious, complex SMT project, the purchase of an engineering kit of resistors and one of capacitors might be in order, as Laura recommended. I do mean serious; these start at about \$40 or \$50, and the common values would need to be restocked soon. OTOH, you can't beat them for getting set up for SMT.

Speaking of parts: it is bad enough to have piles of capacitors and resistors and such when they are conventional components. But one can just pitch all the resistors in a box and pick out what is needed. SMT resistors, though (as well as caps), often have NO MARKINGS! So pitching everything into one container is NOT recommended! I favor those plastic boxes with 18 or so dividers, where the slats are attached to the bottom of the box. The slide-in ones are no good, because components can creep under the gaps like farm animals go under fences. Even though the parts are small, the storage paraphernalia can take up quite a bit of space. ESD sensitive IC's are a particular pain, as big small-outline (?) parts also have rather fragile leads that bend easily. In this case I like the flat plastic cases lined with pink antistatic foam; some of these come with an indentation in the central portion of the foam. Finally, for REALLY sensitive parts, the conductive plastic boxes with multiple layers of conductive (pink) foam can hold lots of parts.

CUL,  
Todd

-----  
Todd Nichols KB0HQU                      Ericsson Inc.                      (919) 685-2597  
nichols@rtp.ericsson.se                      Research Triangle Park, NC  
"Ensign, set a new course. There's coffee in that nebula!" - Capt. Janeway

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: passione.vince@dj.com (Vince Passione)  
Subject: [4818] NJ-QRP meeting notes  
Message-ID: <9602272224.AA01476@pluto.dowjawg>

Another great NJ-QRP meeting was held on February 24 at the QTH of James, KA5DVS. Thanks again go to James for the use of his home.

We had a record 11 attendees this time. Two new members were added to the roster at the meeting: Walt KB2JE, and Tom KA2DFB (father of Pat KA2GSL). Welcome Walt and Tom! In addition to Walt and Tom, attendees were: Mike AA2UJ, David N2SMH, Joe N2CX, Doug KA2UPW, John AA2BN, James KA5DVS, Pat KA2GSL, Clark WA2UNN, and me, WA2ECP.



There were multiple tables full of interesting "show and tell" stuff. Clark brought an HP spectrum analyzer and looked at output from the many transmitters present. Some "interesting spurs" were seen. I brought my Kitano keyer paddle and a tiny key from a German tank. John showed off his recently finished S&S transceivers which looked very nice. Lots of pictures were taken this time, hopefully some will show up in newsletters or on Web pages.

Doug had his portable satellite setup and made several battery powered contacts with radios on the trunk of his car and a home made, hand-held 70 cm receive antenna. Doug also had a two small solar panels in a binder that put out quite a bit of current (about 170 ma.) for a Winter day in NJ. Mike brought some of his station accesories. I especially liked the unit with the digital watch built onto the front. QRPers sure can be resourceful!

The meeting moved outdoors so we could try out one of Joe's collapsible PVC masts. It was much warmer than normal for this time of year but we had wind gusts over 40 miles an hour to keep it interesting. The mast came through with flying colors, going up easily and providing a stable support for Joe's 30M BIC Flamethrower (TM) inverted vee. Rigs were then set up quickly. First, David's Sierra went on 30. Lots of European stations were heard but no one heard us. Finally, some contacts were made. At the same time, James made some 40M contacts using his FT301 and vertical antenna. Then Walt set up his QRP+ for a few more contacts. The whole exercise was was lots of fun and good preparation for field contests.

We agreed to work the April 27, "QRP to the Field" event from a farm John has access to in Southern NJ. It will be a long drive for the Northerners but there will be plenty of antenna room and a stocked fish pond if the bands fold. Contact David (dmalinak@CLASS.ORG) for details.

I'll be coordinating the next NJ-QRP meeting soon. The plan is for either Saturday March 30 or Thursday night March 28.

73,  
Vince WA2ECP  
vincep@dj.com

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: HEARTSIV@aol.com  
Subject: [4784] OHR 400 drift  
Message-ID: <960227100526\_432749864@emout10.mail.aol.com>

My new OHR 400 seems to drift a bit. Any thoughts?

Joe

W3GW

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: SSmith9831@aol.com  
Subject: [4798] Pixie2 problem  
Message-ID: <960227134600\_154744989@emout05.mail.aol.com>

I have just completed construction of a 40M Pixie2 kit but have experienced a slight problem. When I turn on the unit a loud buzzing noise is emitted from the headphones but occasionally CW signals can be heard in the background. After much checking and playing around I discovered that increasing the value of capacitor C10 from 10 uf to 22 uf eliminates the buzzing and signals can be clearly heard. (although it still buzzes for about a second after initial power-on).

Has anyone else experienced this problem?

Is my fix just a band-aid and should I be looking elsewhere for cause of the buzzing problem?

Also does anyone have a list of mods or improvements for this kit?

As a neophyte any advice would be appreciated.

Steve Smith KB0SZF CQC#175

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: JKXM17A@prodigy.com ( ALLEN SMITH)  
Subject: [4836] QRP-L QSO w/N6WG  
Message-ID: <097.02274662.JKXM17A@prodigy.com>

Sorry to take up this space on the list but I wanted to post a follow-up hello to Bob, N6WG and member #27, whom I met in a chance QRP to QRP QSO Tuesday night local time at 7041KHz

I had good copy on you, Bob, but I know you had to work to pull my signal

out of the noise. It's great fun to run into a member of the QRP-L gang like that. I wish conditions would have allowed a longer contact.

72/Allen - AA0YU, Grand Jct, CO  
QRP-L #141

From qrp-l@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: wdzeares@ix.netcom.com (W. Dennis Zeares )  
Subject: [4809] QSL cards for QRP WAS  
Message-ID: <199602272049.MAA14754@ix3.ix.netcom.com>

Since returning to ham radio after fighting cancer, I would like to work WAS QRP.. I would really appreciate QSL cards from anyone that I am able to work QRP with my 5 watts and my indoor dipole in my second floor apt... Any ideas on how to get KH6 and KL7 on 20 or 40?  
Thanks, 72 Dennis K3ETS

From qrp-l@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Ahlgren Jukka <Ahlgren@ncsbsr02ou.ntc.nokia.com>  
Subject: [4767] RIT to NE 4040?  
Message-ID: <3132F62F@ncsbsr01ou.ntc.nokia.com>

Where can I find a schematic diagram of  
the additional RIT circuit for NE 4040 QRP XCVR?  
I'm going to build one for 30m, but I certainly need a RIT.

73/72 de Jukka, OH6SC  
E-mail: jukka.ahlgren@ntc.nokia.com

From qrp-l@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: KR4GL@aol.com  
Subject: [4764] Sloppy Fists  
Message-ID: <960227000243\_432529329@mail06.mail.aol.com>

All right you guys. Before you go overboard being smug about poor CW ops, just remember the reality check.

With 40% of the licensees in the US Technicians, more than in any other license class, and soon to be more than in all other license classes

combined, the following is unarguable:

>From now on, 20 wpm is a NICHE ACTIVITY (certainly no longer a logical prerequisite for full access to the amateur bands).

And every year a finite number of 20+ wpm ops go silent key ... with no one coming along to take their places. Like blacksmithing, bow hunting and tribal dancing, morse code will be preserved by a few dedicated artisans, to provide a window on the past. And I'll be proud to be one of them, though I'll never be a fast fist.

And I'll get a big kick out of showing people how you can take a few cents worth of parts and build in an Altoids box a device you can use to send messages around the world. (No 7 layer OSI stuff, no routers, network management protocols, nothing.)

Just think. There are people today who look in awe upon the Pennsylvania Railroad's fully electric "GG-1" locomotive in a museum as they are told that it was built in less than a year in 1934, was completely silent and clean, and could haul a full train of passenger cars faster than huge steam engines, oh, and that it was in service 50 years. And they gasp involuntarily when further told that there is NOT ONE microprocessor in a GG-1.

Never forget. It wasn't the computer that made the US the biggest industrial power in the world. It wasn't even electricity. It was coal and steam.

72 de KR4GL  
John Foote

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: V\$BCIESLAK@qtiworld.com  
Subject: [4778] Sloppy Fists  
Message-ID: <01I1P9DH303M00F0RM@hub.qgraph.com>

Hmmmm.....dit dah dit dah instead of  
dah dah dit dah

maybe it's not from the fist but from a sluggish transmit relay. I often wonder when I send a dah or dit if the relay has pulled in in time to send the rf to antenna or if the dit was being missed or the dah being cut short?

Brian AE9K

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996

From: rsm@halcyon.com (Robert Marlan)  
Subject: [4819] Sloppy Fists please read!!!  
Message-ID: <v02130500ad5931a2885f@[198.133.235.7]>

>My cure for this problem is simple: Outside the Novice bands, I never call,  
>and will not answer, a sloppy fist. Spin the dial....

Lets lighten up guys - we are all hams, and there always  
will be various abilities. I am an advanced license, although I  
still enjoy cw contacts in the novice band as well as faster qso's.

We are all always learning, and \*part\* of the reason to be a ham is  
to share the airwaves and info with other hams. As pointed out by  
others there are good reasons for a poor fist ( age, disease, tremor).  
Lets all support our fellow hams and not turn this into a competition.

Remember this is a hobby for enjoyment and relaxation.

Maybe when I am 70 my code won't be as good... well, my spelling  
and typing can't get any worse ;)

Robert Marlan  
KA6NOC/7  
rsm@halcyon.com

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: "Temelie Dan" <ZOMBIE@lic\_dc.ldc.sfos.ro>  
Subject: [4790] subs  
Message-ID: <575656A35@lic\_dc.ldc.sfos.ro>

subscript qrp-1 zombie

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Bill Acito 27-Feb-1996 1442 <acito@asdg.ENET.dec.com>  
Subject: [4804] Surface Mount (again)  
Message-ID: <9602271951.AA24686@us1rmc.bb.dec.com>

Recommendations for a surface mount starter kit (proto boards and

the like) and tool and technique ideas. I know this one got kicked around before, but I didn't pay much attention back then. I browsed through the Mouser Catalog without much luck. Digikey?

At a recent QRP-NE meeting I saw a 5w 30m transmitter on a 2"x2" board. Looked like fun, and I might experiment with it a bit while my eyes are still good.

Direct email preferred. If others are interested in the info, let me know, and I'll compile and redistribute without using list bandwidth.

Now where are my glasses? :-)

b

. . . . . - I own my own words - . . . . .  
Bill Acito  
acito@asdg.enet.dec.com  
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS ... qrp-ne ... qrp-l ... qrp-arci ... norcal ... arrl life ...

From qrp-l@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: jsbraun@vivanet.com  
Subject: [4786] Yaesu FT-7 has been "sold"...thanks  
Message-ID: <9602271030.aa00217@vivanet.vivanet.com>

The Yaesu FT-7 has been sold....thanks

Scott  
KB2GWF

From qrp-l@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Pat Taber <ptaber@logiccraft.com>  
Subject: [4783] Re: Bio Filters (was Re: One more 80 m beacon comment)  
Message-ID: <199602271442.JAA53803@nss2.CC.Lehigh.EDU>

>> the code word always seemed to dip down just a bit... Pete - was  
>> that automatic power adjustment only a timed adjustment, or did you  
>> have it set to knock the power down when you sent the code word

>> also??? ;>))

>

>Based on Pete's earlier description of the equipment and software, it would not

>be possible for his computer to control the output power in the middle of the >message.

<yaddah, yaddah, yaddah...>

(putting on my best Foghorn Leghorn voice:)

I was a JOKE, son -- I say it was a JOKE. Look at the little smiley thing in the quote. Ya give all engineers a bad name when you do this kind of thing.... He's pitchin' em, but you're not catching. Ya know what I'm sayin?

>>>==>PStJTT

```
=====
Patrick Taber                      Email: ptaber@logiccraft.com
Principal Software Engineer        Phone: (603) 880-0300
Logiccraft Information Services    Fax:   (603) 880-7229
22 Cotton Road
Nashua N.H. 03063                 Also known as: KC1TD
```

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996

From: Kevin Muenzler <muenzlerk@uthscsa.edu>

Subject: [4802] RE: Education the real 'straight key'

Message-ID: <01BB0516.7FE42C60@muenzlerk.uthscsa.edu>

I think I was the one that made the comment about a "sloppy fist."

This was never meant as a slap (no pun intended) at the person sending the CW, it was just a comment. I've been a ham for 20+ years and have heard my share of bad fists. Most, I'm sure, have been because of inexperience. But I'm just as sure that some were because the person sending couldn't do better for some reason or another. I never pass up a QSO with a "sloppy fist" ( for lack of a better term) because if the person is inexperienced need all the practice they can get.

Kevin, WB5RUE

muenzlerk@uthscsa.edu

-----  
Noticed alot of comments about sloppy keying. I have at one time or another sent afew sloppy QSO's. However, these where not done intensionally. I suffer from MS.

At times, this little handicap creeps up during a QSO. This has me looking at keyboard generated CW. I do like to QSO with a straight key. When my fist is right-on, it's almost like playing a musical

instrument.

I would hate to think that we hams are turning off other hams (new and old) just because of some poorly formed letters. If this is the case then, maybe informing or trying to educate the sender about improved methods would be helpful.

Building a little tolerance into the receiver's filters located between our ears might improve communications for all of us.

In my opinion ( I know....everyone has ONE!), our hobby is communicate and educate and not to turn each other off.....

73 de Rich

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: David Capshaw <David.Capshaw@SEMATECH.Org>  
Subject: [4801] Re: For Sale: Palomar PT-340 Tuner-Tuner  
Message-ID: <199602271858.MAA14422@mercury.eng.sematech.org>

All of the recent reception reports on the microwatt beacons made me wonder how much power is radiated by tuner-tuners, antenna analyzers and such ?

Just curious.

73,

Dave  
n5jnd

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: JEVERHART@cayman.vf.mmc.com  
Subject: [4770] Re: Foxus Carolinus  
Message-ID: <960227081859.23e0760e@carib.vf.mmc.com>

Paul,

Monday was another night with apparent good propagation to the west, but not from NJ to you. I heard the following:

10:09 N6ULU "ur 559" (apparently working you). He was 459 in S6 noise  
10:20 W5HNS gave you "449 TU BK". He was 569



10:25 KK5RO working you. He was 459  
10:30 CQ de XE1WG  
10:33 several strings of 8-10 CQs by NF0Z  
10:37 "ur 569 in OK BK" (no callsign noted in qrm)  
10:39 KK5HA calling you. He was 559  
10:40 AA4XX de AB6DG (?) He was 459 QRM/QSB  
10:46 KK5HA working you. He was again 559

I did faintly hear an "X" and a "4" every once in a while at S3 or so in S5 to S6 noise.

I may have copied your beacon signal at 20 mw in the past, but the teather broke last night! Hope you did well.

72/73,

Joe E., N2CX

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: lhalliday@creo.bc.ca  
Subject: [4817] Re: German Translation  
Message-ID: <9601278254.AA825459464@mail.creo.bc.ca>

Ranson asks:

> I have what I believe to be a German ohm meter from WWII. The name  
> on the meter is Rohrenstrommessung. Can anybody translate this for  
> me??

"Tube current measurement". There is probably a more idiomatic translation, but I fear my German hollow-state vocabulary leaves more than a little to be desired... :-)

Laura Halliday VE7LDH	"C'est une femme mutine, assez
lhalliday@creo.bc.ca	elegante, grave et legere, ayant le
ve7ldh@amsat.org	sens du confort et du plaisir
Locator: CN89mg	en tout." - C. Deneuve

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Allen Jones <ajones@adsnet.com>  
Subject: [4781] re: Heath demise bad for QRP??  
Message-ID: <199602271452.IAA18689@alice.adsnet.com>

At 05:20 PM 2/26/96 EST, you wrote:

>One thing to keep in mind.....was all the cost of producing  
>such great manuals part of the reason HeatKit failed?  
>

I've lived all of my life within an hours drive of the Heath Company.  
Though no expert on their operations, from time to time I would get a chance  
to talk to former employees at local hamfests.

Heath, as I understand it, is still around but has left the kit business for  
the most part and specializes in educational products. They didn't fail in  
the classic sense. Heath/Zenith was bought by Groupe Bull of France who  
wanted only the computer end of the business and had no interest in the  
production of kit products. There is at least two books being sold about  
the Heath Company which would probably give some insight as to what really  
happened. BTW, it now looks as though the computer business might be  
purchased by Packard Bell.

72/3 de Allen, K9DZE

=====  
Allen Jones K9DZE ajones@adsnet.com  
Michigan City, Indiana EN61nq  
ARCI G-QRP NorCal QRP-L #112  
=====

From qrp-l@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: johnmb <johnmb@nando.net>  
Subject: [4787] Re: HEATH STUFF & FOX  
Message-ID: <Pine.SUN.3.91.960227105157.25271A-100000@bessel.nando.net>

On Tue, 27 Feb 1996, David Kreinberg wrote:

>  
> Gang:  
>  
> On the Heathkit thread:  
>  
> because it is incredibly expensive and time consuming. I  
> miss the Heath manuals, but I understand why they can't  
> be done without larger resources.  
>

As the boatanchorists among us might know, this months  
Electric Radio magazine had a neat article written by

a Heath documentation / tech writer, describing how they  
were created. Intersting stuff!  
/john  
wb5oau/4

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Electronic Design Magazine <dmalinak@CLASS.ORG>  
Subject: [4775] Re: March '95 73 Magazine  
Message-ID: <Pine.SUN.3.91.960227060730.24778A-100000@class.class.org>

Walt: The following is from "Electronic Components: Selection and  
Application Guidelines" by Victor Meeldijk, John Wiley & Sons, 1995:

Litz Wire: a conductor composed of a number of fine, separately insulated  
(usually with polyurethane film and then covered with nylon) strands  
woven in such a way that each strand takes all possible positions in the  
cross section of the wire. (The wires are bunched or braided together in  
a uniform pattern of twists and lengths of lay.) This configuration has a  
reduced skin effect and therefore this wire has a low resistance to  
high-frequency currents. The term "Litz" is derived from the German word  
"litzendraht," meaning a woven wire.

Hope this helps!

72 David N2SMH  
Glen Rock, NJ

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: wdzeares@ix.netcom.com (W. Dennis Zeares )  
Subject: [4810] RE: Mon Night FOX  
Message-ID: <199602272036.MAA08999@ix5.ix.netcom.com>

I heard the fox off and on for the first hour and a half. I called him  
many times but he didn't hear me. Then his signal came way up around  
0230 and I called him, and I think he heard me in that he came back and  
called for the .../5 ( I signed K3ETS/5) but there were two other QS0s  
on the freq...no way we could make it...  
I think maybe we need to move the FOX freq. away from the calling freq.  
Also 7040 seems to be a favorite freq. for many others just to call cq.  
Its fun, but we really don't have much of a chance with many other QS0s  
going on at the same time, same freq...  
72/73 Dennis K3ETS/5 Dallas, Tx.

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: KFGlynn@aol.com  
Subject: [4814] Re: Mon Night FOX  
Message-ID: <960227170055\_433052083@mail06.mail.aol.com>

Hello Dennis,

My QSL to you on our QSO will be on it's way from Brooklyn, NYC. Hope this helps for NY card. GL with WAS.

73 de Kevin KB2TE0

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Ahlgren Jukka <Ahlgren@ncsbsr02ou.ntc.nokia.com>  
Subject: [4768] Re: New way to CQ???  
Message-ID: <31331136@ncsbsr01ou.ntc.nokia.com>

I guess the problem is, that these hams have simply a bad sense of rhythm. They try to use higher speed than what they can handle (usually with an iambic keyer). I believe most of them are quite new operators. When we get a QSO with this kind of operator, maybe we should tell him (friendly) to decrease the speed instead of just judging him.

Jukka OH6SC

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Paul Harden <pharden@aoc.nrao.edu>  
Subject: [4791] Re: New way to CQ???  
Message-ID: <199602271612.JAA03936@zia.aoc.nrao.edu>

The "-.-. .-.-" is indeed a cruddy CQ, but hardly anything new. I have heard it used since I became a ham back in the 60's. I also don't think I have ever answered once since the 1960's. That should say it all. Nuff said.

Paul NA5N

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Henry Smith <hbs@crl.com>  
Subject: [4807] Re: New way to CQ???  
Message-ID: <199602272015.AA15983@mail.crl.com>

>The "-.-. .-.-" is indeed a cruddy CQ, but hardly anything new. I  
>have heard it used since I became a ham back in the 60's. I also  
>don't think I have ever answered once since the 1960's. That should  
>say it all. Nuff said.  
>  
>Paul NA5N

Let me give it a try.

Long ago on another galaxy, before there were electronic keys and paddles,  
there were (imposing music...) BUGS....

There were also sending styles known by names such as "Banana boat swing",  
"Lake Erie Swing" and others.

The correct way of sending CQ with a swing would be (excuse my attempt at  
ASCIIizing this):

Dahhhhditdahdit     D itdahhhhditdah

It was a swingy kinda of thing where you drew out some of the dahs. Cant  
effectively be done on an electronic keyer (thank goodness).

With the advent of the paddles and the electronic keyer, the "swing" died off.

My guess is that what we are hearing are either some old timers who still  
send that way or some "Wannabe oldtimers" who would like to send that way.

There is nothing wrong with establishing a rythem while sending CW but I am  
not sure about the "Swing" Perhaps the "Bop" would be better. Or perhaps  
the "Bossa Nova" or the "Tango".

Anyway,    ditditdit dahhhhhhditdah

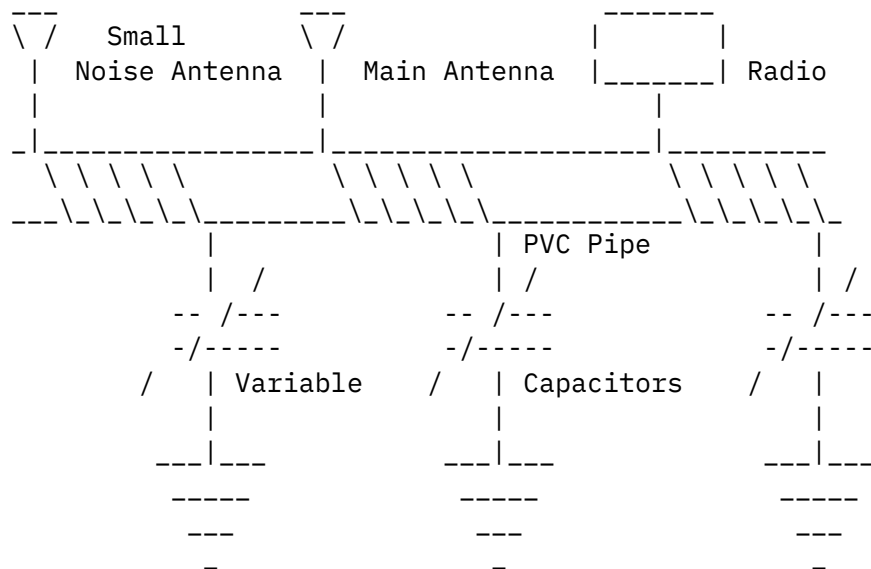
CUL,

Smitty, NA5K  
Henry B. Smith,    hbs@crl.com

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
 From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>  
 Subject: [4823] Re:Noise Cancellers  
 Message-ID: <Pine.A32.3.90.960227183914.24746B-1000000@weyl.math.Virginia.EDU>

A very simple circuit suggested by Stan Wilson, AK0B, has been quite effective in eliminating local noise at this station. Fifteen db over S9 electrical noise had prevented me from operating my homebuilt QRP gear since moving to this QTH last July. The noise blanker in my FT 890 eliminates the noise (unless there is a strong signal nearby) -- but I view my Yaesu as more of a test instrument than a rig.

The recent QST article reviewing the JPS antenna noise canceller got me interested in the possibility of eliminating the electrical noise BEFORE it enters my radios. The simple circuit Stan suggested does the job. My implementation of it (doubtless much cruder than Stan's) looks like this:



I built this for 80m. One by one one, I temporarily connected each series L-C circuit between the main antenna and the radio, and added turns of magnet wire onto the pipe until signals peaked on the Yaesu S-meter with the variable capacitor set somewhere near mid-range.)

It is a passive circuit, so it does reduce signal strength. It also virtually ELIMINATES the 15 db over 9 electrical noise --

after playing with the capacitors to find the right setting. The adjustment is a little tricky. In my implementation, it is easy to pass right by the very sharp null in the noise.

Once adjusted, (as I understand it) the noise from the small noise antenna is 180 degrees out of phase with the noise from the main antenna, cancelling it out. Since the noise antenna is small, there's not much cancellation of the signal you're trying to hear. Also, note that there is practically NO cancellation of distant noise, like static.

The net effect is that signals at this QTH go up from being inaudible behind a wall of nerve-grinding noise, to comfortable, noise-free copy.

I built the circuit into the shell of a junked antenna tuner, using two of the tuner capacitors. Stan says that a wooden box works better than a metal one.

If anyone else has noise cancellation circuits they've tried, why not share them? I think it would be fun to experiment with other designs.

72,

Ralph AA6UL/4  
Charlottesville, VA

From qrp-l@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: rossi@VFL.Paramax.COM (Pete Rossi)  
Subject: [4780] Re: One more 80 m beacon comment  
Message-ID: <9602271430.AA090000@gvlf6-a>

->I noticed something while trying to copy the 200 microwatt signal  
->from WA3NNA this weekend - the code word always seemed to dip down  
->just a bit, and then the WA3NNA and QRP would come jumping out of the  
->noise.  
->  
->In reading the comments that Pete posted to the list I found that I  
->was not the only one that noticed that phenomenon....  
->  
->Pete - was that automatic power adjustment only a timed adjustment,  
->or did you have it set to knock the power down when you sent the code  
->word also??? ;>))

->  
->73  
->73 - Bill Kelsey - N8ET  
->Kanga US  
->kanga@bright.net  
->419-423-4604  
-><http://qrp.cc.nd.edu/kanga/>

Uh oh... my secret is out! I actually have this super computer here connected to a 100 meter dish in my backyard that controls the ionosphere.. I have it programmed to dip down 10 dB every time the codeword is sent :-)

Seriously though. The RF signal as it leaves my antenna is always at the specified power. What the ionosphere does with it after that is beyond my control. Any observed patterns of QSB are purely random natural phenomena... but it appears that sometimes random is not as random as you might think.

73,

Pete Rossi - WA3NNA  
rossi@vfl.paramax.com  
Loral Defense Systems-Eagan (formerly Unisys Government Systems Group)  
Valley Forge Engineering Center - Paoli, Pennsylvania

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: "Robert J. Gobrick" <rgobrick@nflld.com>  
Subject: [4831] Re: QSL cards for QRP WAS  
Message-ID: <2.2.32.19960227025725.0076f888@public.compusult.nf.ca>

Hi Dennis,

Your being a little under the weather has nothing to do with trying to figure out how to work KH6 or KL7 - hi. We ALL have that problem - what it takes is patience and a lot of listening during these times of low sunspots.

Good luck and go for it - 73/72 Bob V01DRB/WA6ERB

At 15:51 2/27/96 EST, you wrote:

>Since returning to ham radio after fighting cancer, I would like to  
>work WAS QRP.. I would really appreciate QSL cards from anyone that I  
>am able to work QRP with my 5 watts and my indoor dipole in my second  
>floor apt... Any ideas on how to get KH6 and KL7 on 20 or 40?  
>Thanks, 72 Dennis K3ETS  
>



>

```
-----
| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRP'er Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet:      rgobrick@nfld.com |
|                bgobrick@nlnet.nf.ca |
| Compuserve:    70466.1405@compuserve.com |
|-----
```

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: JC\_Smith@designlink.com (JC Smith)  
Subject: [4832] Re: QSL cards for QRP WAS  
Message-ID: <2464411614.124477605@designlink.com>

Since returning to ham radio after fighting cancer, I would like to work WAS QRP.. I would really appreciate QSL cards from anyone that I am able to work QRP with my 5 watts and my indoor dipole in my second floor apt... Any ideas on how to get KH6 and KL7 on 20 or 40?  
Thanks, 72 Dennis K3ETS

Hi Dennis... It would be my pleasure to work you one of these days. You'll find a lot of us lurking around 7.040. I have worked east coast stations who were using indoor antennas, so it can be done. Try working those KH6 and KL7 stations shortly after sunset their time (on 40). If your floorplan (ceilingplan?) will allow, you might try a wire yagi on 20 to improve your antenna capability. I'm trying to do the same thing, but with a twist. 5 Band WAS QRP. I run about 2 watts and am almost there on 40 & 20. The other bands will take some time. PS, any chance your landlord will allow "emergency communications equipment" on the roof? 72, JC - KC6EIJ

--

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WEB: <http://www.designlink.com>

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [4796] Re: Sloppy Fists

Message-ID: <Pine.SUN.3.90.960227100457.8839B-1000000@vortex.sage.dri.edu>

On Mon, 26 Feb 1996 N1QQV@aol.com wrote:

> My cure for this problem is simple: Outside the Novice bands, I never call,  
> and will not answer, a sloppy fist. Spin the dial....  
>  
>  
>

I used to think this was also but then one day a fellow called me and I answered him. I thought maybe he was new and needed some contacts to get into the swing of things.....

Turned out that he was about 75 years old, been a ham longer than I had, (which was about 30 years back then), and could copy faster than I could send, (about 40 wpm then). But he had had a stroke and was having a hard time making his hand work right.....

So now, when I hear a sloppy fist, I wonder if maybe there isn't a good reason for it!

And lets face it, being good at cw means not only being able to copy good machine generated code but also to copy poorly sent code too! Too many stop with being able to copy the computers or well used keyers. Need to spend time copying the bugs and hand, (or foot), keys also.....

After all, that poorly sent code might just be one heck of an accomplishment for the operator sending it!

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
...ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
...QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [4797] Re: Sloppy Fists  
Message-ID: <Pine.SUN.3.90.960227101405.8839C-1000000@vortex.sage.dri.edu>

On Tue, 27 Feb 1996 KR4GL@aol.com wrote:

>  
> Never forget. It wasn't the computer that made the US the biggest industrial  
> power in the world. It wasn't even electricity. It was coal and steam.  
>

And people who had the guts to try something new and a government that didn't  
interfer to the point of stopping the process....

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
...ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
...QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From qrp-l@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: aa7qy@primenet.com (Roger Hightower)  
Subject: [4806] Re: Sloppy Fists  
Message-ID: <199602272017.NAA24794@usr1.primenet.com>

At 01:14 PM 2/27/96 EST, Monte Stark wrote:

>Turned out that he was about 75 years old, been a ham longer than I had,  
>(which was about 30 years back then), and could copy faster than I could  
>send, (about 40 wpm then). But he had had a stroke and was having a  
>hard time making his hand work right.....

>

>So now, when I hear a sloppy fist, I wonder if maybe there isn't a  
>good reason for it!

Yup. I'm not his age, but occasionally have little bitty attacks of a sort  
of palsy, sending garbage characters. It goes away, I send "sri" and  
carry on. Most folks seem to not mind.

Almost 40 years ago, when I learned code, I sent some garbage too,  
but folks still hung in there.

Nobody's perfect.

72/73, de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: H Smith <hbs@crl.com>  
Subject: [4808] Re: Sloppy Fists  
Message-ID: <Pine.SUN.3.91.960227122013.6972A-100000@crl3.crl.com>

On Tue, 27 Feb 1996, Monte Stark wrote:

> I used to think this was also but then one day a fellow called me and I  
> answered him. I thought maybe he was new and needed some contacts to  
> get into the swing of things.....  
>  
> Turned out that he was about 75 years old, been a ham longer than I had,  
> ... etc ...

On a similar note, I once worked a fellow who was a quadriplegic. He  
sent CW by puffing on a staw.

It was a very meaningful QSO.

CUL,

Smitty, NA5K

Henry Smith (hbs@crl.com)

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Grover Tolliver <gtkq4al@qnet.com>  
Subject: [4822] Re: Sloppy Fists  
Message-ID: <1.5.4b11.16.19960227183151.265fde40@pop3.qnet.com>

Ron KU7Y: Good On you for a considerate attitude... I too have answered  
some very shakey fists and found darn good reasons for them - mostly father  
time, infirmity, novices, new tech pluses, and old timers coming back up on  
the step after a long hiatus. There  
have been a few just plain sloppy ones, but, all-in-all they were HAMS  
looking for a friendly QSO.

As for those few perfectionists suffering from an excess of hubris,  
may the Devil have a days notice of their coming.

72 y Paz Grover

72 y Paz Grover/Doris

\*\*\*\*\*  
\* KQ4AL \*ARCI 8150 \*CO-QRP 203 \*G-QRP 7872 \*NE-QRP 296 \*NW-QRP 252 \*

\*MI-QRP 1380 \*\*NC-QRP 751 \*QRP-L 14 \*10-10 61894 \*INDEXA 3001 \*  
\* KE4CYE \*CO-QRP 284 \*NW-QRP 385 \*QRP-L 52 \*  
\* Fixed Base & Mobile HF/VHF/UHF \*  
\* ~~~~~\*

From qrp-l@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: Frank Forsyth <aa8vn@sun.tir.com>  
Subject: [4829] Re: Sloppy Fists  
Message-ID: <9602280201.AA05900@sun>

At 01:14 PM 2/27/96 EST, you wrote:

>On Mon, 26 Feb 1996 N1QQV@aol.com wrote:

HE SAID:

>> My cure for this problem is simple: Outside the Novice bands, I never call,  
>> and will not answer, a sloppy fist. Spin the dial....

>>

YOU SAID:

>I used to think this was also but then one day a fellow called me and I  
>answered him. I thought maybe he was new and needed some contacts to  
>get into the swing of things.....

>

>So now, when I hear a sloppy fist, I wonder if maybe there isn't a  
>good reason for it!

>

>And lets face it, being good at cw means not only being able to copy  
>good machine generated code but also to copy poorly sent code too! Too  
>many stop with being able to copy the computers or well used keyers.  
>Need to spend time copying the bugs and hand, (or foot), keys also.....

>

>After all, that poorly sent code might just be one heck of an  
>accomplishment for the operator sending it!

>

>Well said, RON!

Infants usually crawl before they walk and they fall down a lot, just like  
new hams trying to learn code. I would rather hear bad CW than NO CW.

Frank AA8VN

Frank Forsyth AA8VN Port Huron, Mi.

MQRP #1200 NorCal#1204

ARCI #8848 G-QRP (can't remember)

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: aa7qy@primenet.com (Roger Hightower)  
Subject: [4816] Re: Surface Mount (again)  
Message-ID: <199602272146.0AA28378@usr5.primenet.com>

At 03:01 PM 2/27/96 EST, Bill Acito 27-Feb-1996 1442 wrote:

>  
>  
> Recommendations for a surface mount starter kit (proto boards and  
> the like) and tool and technique ideas. I know this one got  
> kicked around before, but I didn't pay much attention back then.  
> I browsed through the Mouser Catalog without much luck. Digikey?  
>

DigiKey catalog #961, page 325, has some "Surfboards", a breadboarding medium for surface mount. Looks interesting.

Just finished plugging in the parts for the 49'er...hard on these old eyes, :-). ....can't imagine straining with much smaller things.

72/73, de Roger AA7QY

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: "Robert J. Gobrick" <rgobrick@nflld.com>  
Subject: [4830] Re: Surface Mount (again)  
Message-ID: <2.2.32.19960227025723.0071d4f0@public.compusult.nf.ca>

Hi Bill,

I was one of the folks who raised the "challenge" of a club sponsored SMC kit a number of months ago. After much looking into it I have come to the conclusion that an Surface Mount Component project is out of the realm of kit building for the "average" kit builder. My take on this is that the tools needed to do an SMC project preclude even an experienced kit builder. OK I have thrown the gauntlet out there - anyone want to prove me wrong - hi.

OK for some background - I'm wonder if the QRP-NE transmitter you saw wasn't done by Paul Krantz W1CFI of the club. paul did a nice SMC 80 meter transceiver writeup in the Jan 94 QRP Quarterly. Nothing against Paul but I believe he was able to use some of the tools (SMC soldering station etc) from his job. I was drooling when I read his article but I was not going to invest in any SMC tools.

Second I found a source for some neat little SMC kits (I believe I got the tip from the gang here on QRP-L). The company is called Electronic Goldmine, PO Box 5408, Scottsdale, AZ 85261 - 602-451-7454. They have a neat catalog of parts and SMC kits - looks like even mere QRP mortals (like us) could build them. So Bill we will wait for you to disprove my theory that we can't build those type kits. I'd like to see you buy one and build it up and prove that it CAN BE DONE - why heck WE ARE part of the Elite QRP-L Club...

Good luck 73/72 Bob VO1DRB/WA6ERB

At 15:00 2/27/96 EST, you wrote:

>  
>  
> Recommendations for a surface mount starter kit (proto boards and  
> the like) and tool and technique ideas. I know this one got  
> kicked around before, but I didn't pay much attention back then.  
> I browsed through the Mouser Catalog without much luck. Digikey?  
>  
> At a recent QRP-NE meeting I saw a 5w 30m transmitter on a  
> 2"x2" board. Looked like fun, and I might experiment with it a  
> bit while my eyes are still good.  
>  
> Direct email preferred. If others are interested in the info, let  
> me know, and I'll compile and redistribute without using list  
> bandwidth.  
>  
> Now where are my glasses? :-)  
>  
> b  
>  
>  
> . . . . . - I own my own words - . . . . .  
> Bill Acito  
> acito@asdg.enet.dec.com  
> |d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA  
>  
> KC1GS ... qrp-ne ... qrp-l ... qrp-arci ... norcal ... arrl life ...  
>  
>  
>  
>

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-----  
| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |  
| QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |  
| Internet: rgobrick@nfld.com |  
| bgobrick@nlnet.nf.ca |
```

Compuserve: 70466.1405@compuserve.com

From qrp-1@Lehigh.EDU Tue Feb 27 22:57:04 1996  
From: tdrumm@sparc.isl.net (Tony Drumm)  
Subject: [4763] Re: The CQC Contest, from the Land of Trolls  
Message-ID: <199602270436.WAA02312@sparc.isl.net>

>

>The CQC Winter QSO Party provided some good times in Oregon (although it was  
>a beautiful day here, and I was tempted to put on the skis).

I only spent a short time trying to make contacts and just on 20m on my Explorer. Only made two contacts and both were OR (one of whom was Russ). So I guess the statement above is right! Heard a couple other stations calling CQ but no luck with them. Every time I think about talking to anyone using QRP levels (and you should see my antenna!), I'm amazed. Really. Had a great chat for >30 minutes the other day on my new 30m rig. MN -> TX. How can this work. No way.

Tony Drumm

Rochester, MN

internet: tdrumm@sparc.isl.net

Packet: aa0sm@wd0gnk.#semin.mn.usa.na